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EFFECTS OF POWER PLANT COOLING ON AQUATIC BIOTA  
- AN INDEXED BIBLIOGRAPHY -

by

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Several bibliographies (291, 292, 293) and reviews (32, 79, 82, 83, 86, 89, 90, 91, 266, 330) on "ecological consequences of power plant cooling" have been published. Other reports compile additional data, but are not available to the public. Altogether, more than 3,000 literature citations have been gathered until now, too many to be studied by an individual scientist. The bibliography becomes more comprehensible, if only titles are accepted, that deal with power plant cooling itself, neglecting the influence of temperature and other stress factors on organisms as examined under laboratory conditions. Among those 600 remaining titles, about 370 are published in journals and periodicals available to the public. They are presented in this bibliography. Among these, about 100 are theoretical discussions, reviews, etc. If repetitions of the same results in various periodicals or proceeding reports are subtracted, less than 250 field studies remain.

Basic information for this report has been taken from bibliographies and reviews cited above. It was considerably enlarged by titles as available from the libraries of the "Marine Biological Association of the United Kingdom" in Plymouth and the Institut für Meereskunde in Kiel as well as by titles from "Aquatic Sciences and Fisheries Abstracts" and reprints obtained from authors.

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- 1 recommended review
- 2 presentation of original data or citation of reports not available to the public.
- 3 theoretical discussion only
- 4 others (short notes, description of research projects, compilations, etc.)
- 5 investigation in fresh water area
- 6 investigation in brackish area
- 7 investigation in marine area
- 8 screening of fishes
- 9 entrainment of phytoplankton; primary production in the discharge area
- 10 entrainment of zooplankton; secondary production in the discharge area
- 11 entrainment of ichthyoplankton
- 12 bacteriology in the discharge area
- 13 phytobenthos in the discharge area
- 14 molluscs in the discharge area
- 15 other zoobenthos groups in the discharge area
- 16 free living fishes in the discharge area
- 17 caged fishes in the discharge area
- 18 uptake of non-radioactive substances in organisms from the discharge area
- 19 uptake of radioactive substances in organisms from the discharge area.
- 20 oxygen contents in the discharge area
- 21 fouling; effects of antifoulings
- 22 alterations of growth and condition factor
- 23 alterations in breeding and spawning
- 24 attraction of fishes to the discharge area
- 25 parasites and diseases
- 26 fish kills
- 27 aquaculture of invertebrates
- 28 aquaculture of fishes

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	1 (review)	2 (original data)	3 (theory)	4 (others)	5 (fresh water)	6 (brackish water)	7 (marine water)	8 (screening fish)	9 (phytoplankton)	10 (zooplankton)	11 (ichthyoplankton)	12 (bacteriology)	13 (phytobenthos)	14 (molluscs)	15 (other zoobenthos)	16 (free fish)	17 (caged fish)	18 (uptake, non-rad.)	19 (uptake, radioact.)	20 (oxygen content)	21 (fouling)	22 (growth, condition)	23 (breeding, spawn.)	24 (fish attraction)	25 (parasites, disease)	26 (fish kills)	27 (aquacult. invert.)	28 (aquacult. fish)
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